

Converting Colors

XYZ(23.3526, 19.5205, 14.9864)

Have a look what the booklet for
XYZ(23.3526, 19.5205, 14.9864)
contains.

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Color

**XYZ(23.3819, 19.5817,
15.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	A66B66
RGB	166, 107, 102
RGB Percent	65%, 42%, 40%
CMY	0.3490, 0.5804, 0.6000
CMYK	0.00, 0.36, 0.39, 0.35
HSL	5°, 26%, 53%
HSV	5°, 39%, 65%
XYZ	23.3819, 19.5817, 15.1177
YIQ	124.0710, 36.7690, 10.9530

Conversions

Conversions Part 2

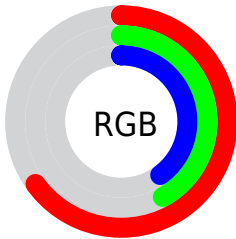
Format	Color
R _Y B	166, 107, 102
Decimal	10906470
CIE Lab	51.36, 22.94, 12.58
CIE LCh	51, 26.165, 28.729
Yxy	19.5817, 0.4026, 0.3371
Android (android.graphics.Color)	4289096550 (0xFFA66B66)
YUV	124.0710, -10.8810, 36.7717
Hunter-Lab	44.2512, 16.8780, 10.7204

Details

The XYZ color **23.3819, 19.5817, 15.1177** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.1069, 31.0667, 40.7497**, and the grayscale version is **19.2089, 20.2092, 22.0078**.

A 20% lighter version of the original color is **48.5793, 42.7842, 35.8348**, and **8.9356, 6.8485, 4.4654** is the 20% darker color. If you saturate the color by 10%, you get **21.1830, 16.3721, 10.7218**, and if you desaturate by 10%, it is **26.0290, 23.4239, 20.4768**.

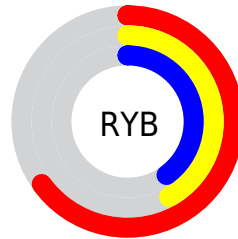
Distribution



Red (65%)

Green (42%)

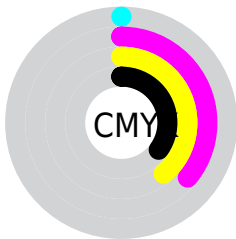
Blue (40%)



Red (65%)

Yellow (42%)

Blue (40%)

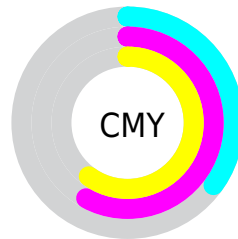


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3819, 19.5817, 15.1177 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 23.3819, 19.5817, 15.1177 by changing the saturation by 10% instead.

■ 23.3819, 19.5817,
15.1177

■ 23.3819, 19.5817,
15.1177

262.1793,
249.6415, 235.7428

■ 14.9980, 12.0913,
8.7545

■ 48.4817, 42.7148,
35.8047

■ 8.9043, 6.8059,
4.4868

■ 65.9283, 59.1262,
50.9657

■ 4.7354, 3.3410,
1.8960

■ 87.1265, 79.2802,
69.8962

■ 2.1260, 1.3123,
0.4902

■ 112.4417,
103.5611, 93.0150

■ 0.7033, 0.1507,
0.0000

142.2393,
132.3533, 120.7405

■ 0.0000, 0.0000,
0.0000

176.8845,

166.0412, 153.4913

216.7427,
205.0091, 191.6859

■ 23.3819, 19.5817,
15.1177

■ 23.3819, 19.5817,
15.1177

■ 21.1830, 16.3721,
10.7218

■ 26.0290, 23.4239,
20.4768

■ 19.4060, 13.7584,
7.2307

■ 29.1457, 27.9269,
26.8502

■ 18.0243, 11.7047,
4.5818

■ 32.7538, 33.1209,
34.2871

■ 17.0073, 10.1700,
2.7039

■ 36.8733, 39.0333,
42.8328

■ 16.3203, 9.1077,
1.5139

■ 41.5231, 45.6899,
52.5301

■ 15.9126, 8.4593,
0.8631

■ 46.7210, 53.1155,
63.4197

■ 15.8696, 8.3943,
0.7838

■ 52.4842, 61.3335,
75.5401

■ 58.8289, 70.3664,
88.9282

■ 65.7710, 80.2357,
103.6193

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.1090, 19.5817, 21.6425



23.3819, 19.5817, 15.1177



21.3478, 19.5817, 11.2240

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.3819, 19.5817, 15.1177



14.6340, 19.5817, 14.6816



18.5004, 19.5817, 39.2161

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



23.3819, 19.5817, 15.1177



25.1069, 31.0667, 40.7497

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.1202, 19.5817, 36.1616



23.3819, 19.5817, 15.1177



14.0210, 19.5817, 21.0030

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23.3819, 19.5817, 15.1177



16.2966, 19.5817, 11.0168



14.5391, 19.5817, 29.0247



21.1366, 19.5817, 36.6182

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.3819, 19.5817, 15.1177



19.6127, 19.5817, 10.0814



14.5391, 19.5817, 29.0247



17.6456, 19.5817, 38.8057

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



23.3824, 19.5827, 15.1181



56.9363, 56.5034, 57.0457



26.9753, 20.2091, 36.5374



12.5581, 12.3808, 12.3880



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.3824, 19.5827, 15.1181



39.0679, 30.6256, 20.6957



27.2511, 27.3201, 16.4077



7.5765, 7.6331, 7.8633



12.3209, 6.5390, 0.6128



0.3140, 0.1876, 0.0197

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.1069, 31.0667, 40.7497



42.6235, 54.3607, 73.7214



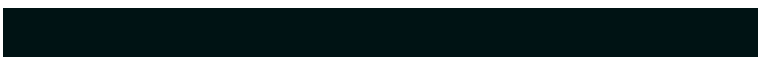
20.3099, 21.4726, 39.1507



7.6966, 8.4302, 9.6399



14.1891, 19.8384, 31.0568



0.3594, 0.5111, 0.7604

Previews

White Background



This preview shows how the XYZ color 23.3819, 19.5817, 15.1177 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.3819, 19.5817, 15.1177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

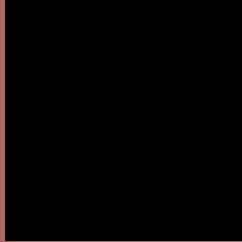
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3819, 19.5817, 15.1177

Background



This preview shows how black text looks on a background with the XYZ color 23.3819, 19.5817, 15.1177.

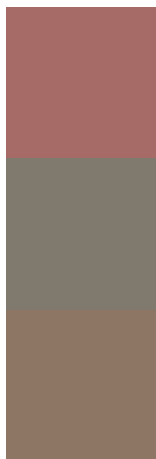


This preview shows how white text looks on a background with the XYZ color 23.3819, 19.5817,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

23.3819, 19.5817, 15.1177

Protanopia

18.6761, 19.6341, 17.5573

Deuteranopia

19.9340, 19.6277, 14.7945



Tritanopia

23.9686, 19.5109, 18.1255

Trichromacy



Original Color

23.3819, 19.5817, 15.1177

Protanomaly

20.1705, 19.5349, 16.6174

Deuteranomaly

21.1288, 19.5535, 14.9725

Tritanomaly

23.8507, 19.6277, 16.9995

Monochromacy



Original Color

23.3819, 19.5817, 15.1177

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.2783, 19.7068, 19.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3819, 19.5817, 15.1177 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(166, 107, 102)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 107, 102) }
```

Border

The CSS property to change the border of an element to XYZ 23.3819, 19.5817, 15.1177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 107, 102) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(166, 107, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(166, 107, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(166, 107,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3819, 19.5817, 15.1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 107, 102) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166,  
107, 102) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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